

SCOTT W. LINDQUIST, MD, MPH, DIRECTOR 109 AUSTIN DRIVE BREMERTON, WA 98312-1805 (360) 337-5235

December 31, 2003

Carina Trust c/o William Nilles 12117 196th Ave KPN Gig Harbor, WA 98329

RE: HEALTH DISTRICT COMMENTS ON YOUR EMAIL OF NOVEMBER 25, 2003

Dear Mr. Nilles:

The Kitsap County Health District (Health District) is writing to respond to an email from Tony Holden on your behalf dated November 25, 2003.

Landfill Stabilization and Closure

The some of the requirements for the stabilization and closure of the landfill from the Health District were sent to you in a letter on May 16, 2002. A copy of this letter is attached. Attached is a section of Chapter 173-304 Washington Administrative Code (WAC) that describes the requirements of closure and post-closure that will have to be addressed. A closure permit may be required for this facility. Until the requirements of this letter and WAC 173-304-407 have been met the Health District will not approve of any use for the landfill.

Hazardous Site

As you are listed as a hazardous site with the Washington State Department of Ecology (Ecology) there may be requirements for the cleanup of the property from Ecology prior to the development of the site. Please contact Ecology's headquarters – Toxics Cleanup Program for further information at (360) 407-6702. Mr. Ching Pi Wang is the project manager for this site.

Recycling Facility

After the closure requirements for the landfill are met as stated in the May 16, 2002, letter and Ecology has given approval you may move forward with your plans for the recycling facility. The facility would have to meet all of the requirements of Chapter 173-350 WAC and all other federal, state, and local rules. The Health District would review the proposal for the recycling facility to determine if a permit is needed. In addition, the Health District strongly suggests that you contact the Kitsap County Department of Community Development at (360) 337-7181 to discuss building permits, and surface water concerns, etc.

EPA Study of the landfill

The EPA study of the landfill has not been completed. Sampling was conducted in November 2003, and the report is in process. A copy of the final report will be sent to you when it is available.

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During the EPA study a camera was sent up the culvert from the lower side and found a blockage in the pipe approximately 460'. As part of the proper closure of the landfill and prior to any development of the property this blockage will have to be addressed. Photos of the blockage are attached.

If you have any questions I can be reached at (360) 337-5607.

Respectfully,

Grant A. Holdcroft, R.S.

Gras A. Holderson

Environmental Health Specialist Solid and Hazardous Waste Program

enc:

NOCV dated May 16, 2002

WAC 173-304-407

Photos of BAWL culvert

cc:

Ching Pi Wang

gah/swwqbdc/facility/bawl/carina trust1

Scott W. Lindquist, MD, MPH, Director 109 Austin Drive Bremerton, WA 98312

NOTICE AND ORDER TO CORRECT VIOLATION

CERTIFIED AND REGULAR MAIL

No.

May 16, 2002

Carina Trust c/o
Bill Nilles
12117 196th Ave. KPN
Gig Harbor, WA 98329

RE: BREMERTON AUTO WRECKING LANDFILL

Dear Mr. Nilles:

Violations of the Bremerton-Kitsap County Board of Health (BKCBH) Ordinance 2000-6, "Solid Waste Regulations", have been identified at the abandoned Bremerton Auto Wrecking Landfill (landfill) located at 4275 Highway 3 S.W., Port Orchard, WA. At this site, the landfill face has collapsed into the south fork of Gorst Creek and has released solid waste into the creek and the environment. The Bremerton-Kitsap County Health District (Health District) noted these violations during inspections conducted at the site on January 8th, 9th, and 10th, of 2002. Based on the Health District's records, this property is solely owned by you.

As noted by the Health District, the following provisions of these regulations have been violated:

Section IV.A.1: "Owner Responsibilities for Solid Waste". In part, this section states that the owner, operator or occupant of any premise, business establishment or industry shall be responsible for the satisfactory and legal handling and/or disposal of all solid waste generated by them or accumulated on the property. Additionally, this section states that all solid wastes must be stored in accordance with Section IV.A.2. (of these regulations) until removed to a permitted solid waste handling facility.

Section IV.A.5.a: "Disposal Generally". This section states that all solid wastes shall be disposed of at an appropriate solid waste handling facility permitted to receive such waste, or in a manner consistent with these regulations as approved by the Health Officer. Should a situation arise where disposal of solid waste is not covered under these

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the environment by the release of chemicals and potentially hazardous materials that were disposed of in the landfill, and closure requirements for the landfill.

If you have any questions or require additional information regarding this notice and order, please contact either myself or Grant Holdcroft at (360) 692-3611.

Sincerely

Jan Brower

Program Manager

Solid & Hazardous Waste

CC:

Ms. Lucille Uhinck

Mr. Larry Tucker, USN

Doug Pierce, WSDOT

Bill McKinney, City of Bremerton Kathleen Cahall, City of Bremerton

Project File BAWL 1.6

gali/swwqbcd/facility/bawl/bawintev2.doc

- (6) Recording with county auditor. Maps and a statement of fact concerning the location of the disposal site shall be recorded as part of the deed with the county auditor not later than three months after closure. Records and plans specifying solid waste amounts, location and periods of operation shall be submitted to the local zoning authority or the authority with jurisdiction over land use and be made available for inspection.
- (7) State and local requirements. All solid waste disposal facilities shall comply with all state and local requirements such as zoning land use, fire protection, water pollution prevention, air pollution prevention, nuisance and aesthetics.

[Statutory Authority: RCW 70.95.215. 88-20-066 (Order 88-28), § 173-304-405, filed 10/4/88. Statutory Authority: Chapter 43.21A RCW. 85-22-013 (Order 85-18), § 173-304-405, filed 10/28/85.]

WAC 173-304-407 General closure and post-closure requirements. (1) Applicability. The requirements of subsections (2), (3), (4), and (5) of this section apply to all solid waste handling facilities. The requirements of subsections (6), (7), and (8) of this section apply to:

- (a) Landfills subject to WAC <u>173-304-460</u> including limited purpose landfills under WAC <u>173-304-460</u>(5);
 - (b) Surface impoundments under WAC 173-304-430 (2)(g) closed with waste remaining in place;
 - (c) Woodwaste landfills under WAC 173-304-462; and
 - (d) Landspreading disposal facilities under WAC <u>173-304-450(2)</u>.
- (2) Effective dates. Existing facilities subject to the requirements of this section shall meet the applicable facility standards of this section within twelve months of the effective date of this regulation. All new or expanded facilities subject to the requirements of this section shall meet the applicable facility standards on the effective date of this regulation.
 - (3) Closure performance standard. Each owner or operator shall close their facility in a manner that:
 - (a) Minimizes the need for further maintenance;
- (b) Controls, minimizes, or eliminates threats to human health and the environment from post-closure escape of solid waste constituents, leachate, landfill gases, contaminated rainfall or waste decomposition products to the ground, ground water, surface water, and the atmosphere; and
 - (c) Prepares the facility for the post-closure period.
- (4) Closure plan and amendment(s). Closure as defined in WAC <u>173-304-100(11)</u>, includes but is not limited to grading, seeding, landscaping, contouring, and/or screening. For interim solid waste handling sites, closure includes waste removal and decontamination of the site.
- (a) Each owner or operator shall develop, keep and abide by a plan of closure approved by the jurisdictional health department as part of the permitting process in WAC <u>173-304-600</u>.
 - (b) The closure plan shall project time intervals at which sequential partial closure is to be

implemented, and identify closure cost estimates and projected fund withdrawal intervals for the associated closure costs, from the approved financial assurance instrument.

- (c) Each owner or operator shall not commence disposal operations in any part of a facility until a closure plan for the entire facility has been approved by the jurisdictional health department, and until a financial assurance instrument has been provided, as required by applicable laws and regulations.
- (d) The jurisdictional health department shall approve, disapprove, or require amendment of the closure plan as part of the permitting process of WAC <u>173-304-600</u> in accordance with applicable laws and regulations.
- (e) Each owner and operator shall close the facility in accordance with the approved closure plan and all approved amendments.
 - (5) Closure procedures.
- (a) Each owner and operator shall notify the jurisdictional health department and where applicable, the financial assurance instrument trustee, of the intent to implement the closure plan in part or whole, no later than one hundred eighty days prior to the projected final receipt of waste at the entire facility unless otherwise specified in the closure plan.
- (b) The owner or operator shall commence implementation of the closure plan in part or whole within thirty days after receipt of the final volume of waste and/or attaining the final landfill elevation at part of or at the entire facility as identified in the approved facility closure plan unless otherwise specified in the closure plan.
- (c) Waste shall not be accepted for disposal or for use in closure except as identified in the closure plan approved by the jurisdictional health department, as required in subsection (3)(a) of this section.
- (d) When facility closure is completed in part or whole, each owner and operator shall submit the following to the jurisdictional health department:
- (i) Facility closure plan sheets signed by a professional engineer registered in the state of Washington and modified as necessary to represent as-built changes to final closure construction as approved in the closure plan;
- (ii) Certification by the owner or operator, and a professional engineer registered in the state of Washington that the site has been closed in accordance with the approved closure plan.
- (e) The jurisdictional health department shall notify the owner or operator and the department of ecology of the date when the facility post-closure period has begun, which period shall commence when the jurisdictional health department has verified the facility has been closed in accordance with the specifications of the approved closure plan and the closure requirements of this section.
- (6) Post-closure performance standard. Each owner or operator shall provide post-closure activities to allow for continued facility maintenance and monitoring of air, land, and water as long as necessary for the facility to stabilize and to protect human health and the environment.
- (7) Post-closure plan and amendment. For disposal facilities; post-closure includes ground water monitoring; surface water monitoring; gas monitoring; and maintenance of the facility, facility structures, and monitoring systems for their intended use for a period of twenty years and any other

activities deemed appropriate by the jurisdictional health department.

- (a) Each owner or operator shall develop, keep and abide by a post-closure plan approved as a part of the permitting process in WAC 173-304-600. The post-closure plan shall address facility maintenance and monitoring activities for at least a twenty-year period or until the site becomes stabilized (i.e., little or no settlement, gas production or leachate generation), and monitoring of ground water, surface water, and gases can be safely discontinued.
- (b) The post-closure plan shall project time intervals at which post-closure activities are to be implemented, and identify post-closure cost estimates and projected fund withdrawal intervals from the selected financial assurance instrument, where applicable, for the associated post-closure costs.
- (c) Each owner or operator shall not commence disposal operations in any part of a facility until a post-closure plan for the entire facility has been approved by the jurisdictional health department, and until a financial assurance instrument has been provided where applicable, as required by WAC <u>173-304-467</u>.
- (d) Each owner or operator shall complete the post-closure activities in accordance with the approved post-closure plan and schedule. Facility post-closure activities shall be completed in accordance with the approved post-closure plan or the plan shall be so amended with the approval of the jurisdictional health department.
- (e) The jurisdictional health department may determine that a facility post-closure plan is invalid and require an owner or operator to amend the facility post-closure plan.
- (i) The health department may direct facility post-closure activities, in part or whole, to cease until the post-closure plan amendment has received written approval by the health department.
- (ii) When the health department determines a facility post-closure amendment is required, the health department shall, after consultation with the owner/operator, designate a compliance schedule for submittal of the amendment and its review and approval by the department.
 - (8) Post-closure procedures.
- (a) Each owner or operator shall commence post-closure activities after completion of closure activities outlined in subsection (5)(d)(i) and (ii) of this section. The jurisdictional health department may direct that post-closure activities cease until the owner or operator receives a notice to proceed with post-closure activities.
- (b) When post-closure activities are complete, the owner or operator shall certify to the jurisdictional health department, signed by the owner or operator, and a professional engineer registered in the state of Washington stating why post-closure activities are no longer necessary (i.e., little or no settlement, gas production, or leachate generation).
- (c) If the jurisdictional health department finds that post-closure monitoring has established that the facility is stabilized (i.e., little or no settlement, gas production, or leachate generation), the health department may authorize the owner or operator to discontinue post-closure maintenance and monitoring activities.



